

# Local Government Energy Partnership



Brought to you by the Association  
of Bay Area Governments

---

*Funded by California utility ratepayers under the auspices  
of the California Public Utilities Commission (CPUC).*

# Introduction

## Local Government Energy Partnership



Brought to you by the Association  
of Bay Area Governments

- 2004/5 LGEP program serves 37 local governments.
- The program has been renewed for 2006/8.
  - ABAG Energy Watch will be a PG&E Local Government Partnership
- Both 2004/5 program and 2006/8 program include:
  - Sustained technical assistance to help local governments implement energy and demand saving projects in local government facilities and
  - Policy assistance and development to help local governments save energy within the local community.

# Overview

## Local Government Energy Partnership



Brought to you by the Association  
of Bay Area Governments

### Program Team

- ABAG and Energy Solutions – Admin., PM, Implem., and TA
- HDR/BVA, Cogent Energy, and Lighting Wizards – Engineering TA
- John Deakin & Associates and Local Gov't Commission – Policy TA
- Climate Protection Campaign – Climate Action Plans and TA
- Envirospec – Equipment Procurement issues

### Key Quantitative Goals

- Energy Use Reduction (2004-05 goal = 15,000,000 “developed” kWh)
- Sustained Technical Assistance for 37 current program enrollees plus additional agencies that enroll starting in 2006
- Community Energy Policy Development
- LGEP Workshops and Referrals to PG&E Workshops

# LGEP Services

## Local Government Energy Partnership



Brought to you by the Association  
of Bay Area Governments

### Energy Efficiency and Demand Reduction in Facilities

- ❑ Provide energy use benchmarks for municipal facilities
- ❑ Prioritize savings opportunities in public facilities (energy assessments)
- ❑ Facilitate investment grade energy audits
- ❑ Assist with equipment retrofit projects and provide design assistance
- ❑ Identify and assist with implementing operations and maintenance improvements
- ❑ Assistance with retro-commissioning efforts
- ❑ Provide assistance with identifying and obtaining project funding (e.g., CEC low-interest loans)
- ❑ Track utility data to monitor savings

# LGEP Services (cont'd)

---

## Local Government Energy Partnership



Brought to you by the Association  
of Bay Area Governments

### Community Energy Efficiency

- ❑ Evaluate local needs, challenges, and opportunities
- ❑ Provide expert policy guidance
- ❑ Assist in developing energy policies and programs, including energy elements for general plans and energy efficient development guidelines
- ❑ Assist with design of education and outreach initiatives

### Workshops

- ❑ Develop workshops tailored to local government needs and interests
- ❑ Referrals to other appropriate workshops, seminars, and training

# Current Participants (37)

## Local Government Energy Partnership



Brought to you by the Association  
of Bay Area Governments

### Enrollees (12/31/05)

- City of Berkeley
- City of Benicia
- City of Cloverdale
- City of Cotati
- City of Dixon
- City of Emeryville
- City of Healdsburg
- City of Hercules
- Town of Hillsborough
- City of Livermore
- City of Los Altos
- City of Millbrae
- City of Morgan Hill
- City of Petaluma
- City of Pleasanton
- City of Richmond
- City of Rio Vista
- City of Rohnert Park
- City of San Carlos
- City of San Mateo
- City of Santa Cruz
- City of Santa Rosa
- City of Seaside
- City of Sebastopol
- City of Sonoma
- City of Vacaville
- Town of Windsor
- Town of Moraga
- County of Alameda
- County of Contra Costa
- County of Monterey
- County of San Mateo
- County of Santa Cruz
- County of Sonoma
- Sonoma County Water Agency
- AC Transit District
- Golden Gate Bridge, Highway,  
& Transportation District

# Highlights from 2004/5 LGEP Program

## Local Government Energy Partnership



Brought to you by the Association  
of Bay Area Governments

### Selected Facility Energy Efficiency Projects/Services

- AC Transit General Office and Five Maintenance Facility lighting projects (2,475,000 kWh)
- San Mateo County Detention Center comprehensive energy audit (743,000 kWh and 14,800 therms)
- Sebastopol Police Station and Library energy efficiency projects (114,000 kWh)
- Dixon energy efficient HVAC replacement and operations (136,000 kWh)
- Contra Costa County Pittsburg Health Center assessment (222,833 kWh)
- City of Morgan Hill Cultural Center retro-commissioning (75,000 kWh)
- County of Monterey lighting projects (1,090,000 kWh)
- Sonoma County Climate Action Plan template
- County of Santa Cruz ESCO RFQ technical review assistance

# Highlights from 2004/5 LGEP Program

## Local Government Energy Partnership



Brought to you by the Association  
of Bay Area Governments

### **Selected Community Energy Policy Projects**

- ❑ Berkeley Residential Energy Conservation Ordinance (RECO)
- ❑ Pleasanton Energy Element for the General Plan
- ❑ Sebastopol water and energy conservation policies
- ❑ Sonoma residential development design specifications

### **LGEP Workshops (2004-05)**

- ❑ Developing and Implementing Effective Energy Policy at the Local Level
- ❑ Getting the Job Done: Energy Projects in Municipal Facilities
- ❑ Water Pumping Efficiency (2) – Sonoma and AMBAG region
- ❑ How to Purchase Green Lighting Equipment
- ❑ Energy Efficient O&M for Muni Facilities
- ❑ Implementing EE Projects and Developing Climate Action Plans



# For More Information

---

## Local Government Energy Partnership



Brought to you by the Association  
of Bay Area Governments

Gerald Lahr, ABAG

510-464-7908

[jerryl@abag.ca.gov](mailto:jerryl@abag.ca.gov)

<http://www.abag.ca.gov/lgep>